

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044238.D
 Acq On : 11 Dec 2024 19:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

Quant Time: Dec 12 04:55:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	132705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115553	49.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	5.379	113	84801	50.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.900%
50) Toluene-d8	8.647	98	290464	51.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.440%
62) 4-Bromofluorobenzene	11.079	95	104597	53.305	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98659	48.080	ug/l	98
3) Chloromethane	1.294	50	94952	48.390	ug/l	100
4) Vinyl Chloride	1.374	62	99869	48.853	ug/l	99
5) Bromomethane	1.593	94	67699	46.680	ug/l	94
6) Chloroethane	1.666	64	70047	55.028	ug/l	99
7) Trichlorofluoromethane	1.867	101	196352	49.063	ug/l	98
8) Diethyl Ether	2.136	74	64477	47.199	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	76497	47.237	ug/l	99
10) Methyl Iodide	2.441	142	103998	48.726	ug/l	99
11) Tert butyl alcohol	2.995	59	77333	235.827	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73496	49.410	ug/l	95
13) Acrolein	2.239	56	109758	231.225	ug/l	99
14) Allyl chloride	2.654	41	125493	50.652	ug/l	99
15) Acrylonitrile	3.068	53	226062	248.868	ug/l	99
16) Acetone	2.386	43	217909	229.721	ug/l	98
17) Carbon Disulfide	2.502	76	141603	50.081	ug/l	99
18) Methyl Acetate	2.703	43	120659	49.333	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	287081	49.458	ug/l	98
20) Methylene Chloride	2.782	84	87298	48.998	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	79106	50.040	ug/l	94
22) Diisopropyl ether	3.763	45	275015	49.294	ug/l	97
23) Vinyl Acetate	3.721	43	1196335	263.756	ug/l	99
24) 1,1-Dichloroethane	3.605	63	155458	49.989	ug/l	99
25) 2-Butanone	4.562	43	333761	247.497	ug/l	100
26) 2,2-Dichloropropane	4.471	77	120679	47.766	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	98833	49.227	ug/l	96
28) Bromochloromethane	4.897	49	71730	47.037	ug/l	97
29) Tetrahydrofuran	5.007	42	213304	246.427	ug/l	98
30) Chloroform	5.086	83	170111	48.686	ug/l	100
31) Cyclohexane	5.464	56	120958	48.166	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	146489	50.507	ug/l	99
36) 1,1-Dichloropropene	5.684	75	107388	49.911	ug/l	98
37) Ethyl Acetate	4.721	43	136931	51.484	ug/l	99
38) Carbon Tetrachloride	5.672	117	116600	50.336	ug/l	99
39) Methylcyclohexane	7.373	83	128333	49.893	ug/l	99
40) Benzene	6.031	78	328638	50.307	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70194	49.702	ug/l	97
42) 1,2-Dichloroethane	6.080	62	136153	50.595	ug/l	100
43) Isopropyl Acetate	6.342	43	213686	51.404	ug/l	100
44) Trichloroethene	7.123	130	78914	48.441	ug/l	98
45) 1,2-Dichloropropane	7.427	63	81204	48.655	ug/l	96
46) Dibromomethane	7.580	93	65596	50.661	ug/l	100
47) Bromodichloromethane	7.818	83	118093	52.810	ug/l	98
48) Methyl methacrylate	7.690	41	102002	50.548	ug/l	98
49) 1,4-Dioxane	7.665	88	26533	793.063	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	680603	254.635	ug/l	100
52) Toluene	8.714	92	203456	49.595	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	117827	49.148	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	128585	52.811	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	83551	51.267	ug/l	98
56) Ethyl methacrylate	9.116	69	136393	53.013	ug/l	97
57) 1,3-Dichloropropane	9.305	76	143157	50.466	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	334565	257.822	ug/l	99
59) 2-Hexanone	9.433	43	507668	262.404	ug/l	100
60) Dibromochloromethane	9.519	129	84143	48.834	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88222	53.181	ug/l	95
64) Tetrachloroethene	9.269	164	66745	48.303	ug/l	92
65) Chlorobenzene	10.079	112	226567	50.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	75809	52.875	ug/l	99
67) Ethyl Benzene	10.189	91	393350	51.031	ug/l	100
68) m/p-Xylenes	10.299	106	294306	104.054	ug/l	98
69) o-Xylene	10.640	106	143314	50.079	ug/l	100
70) Styrene	10.653	104	243987	53.183	ug/l	98
71) Bromoform	10.799	173	50133	50.038	ug/l #	98
73) Isopropylbenzene	10.963	105	374918	48.945	ug/l	100
74) N-amyl acetate	10.841	43	180809	51.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	127605	47.962	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106422m	47.635	ug/l	
77) Bromobenzene	11.195	156	89233	48.039	ug/l	99
78) n-propylbenzene	11.305	91	422140	49.861	ug/l	98
79) 2-Chlorotoluene	11.366	91	260441	47.566	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	313078	49.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34465	44.852	ug/l	99
82) 4-Chlorotoluene	11.451	91	296046	48.826	ug/l	100
83) tert-Butylbenzene	11.713	119	309021	49.224	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313779	50.297	ug/l	100
85) sec-Butylbenzene	11.890	105	374108	49.088	ug/l	99
86) p-Isopropyltoluene	12.006	119	315922	49.805	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	158530	48.859	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	157773	47.302	ug/l	98
89) n-Butylbenzene	12.329	91	268700	50.376	ug/l	99
90) Hexachloroethane	12.536	117	47922	51.754	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164754	48.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26522	51.352	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	93376	50.555	ug/l	97
94) Hexachlorobutadiene	13.725	225	34128	45.936	ug/l	97
95) Naphthalene	13.774	128	357288	49.557	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	95197	48.593	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

